

STILLAGUAMISH - SOUTH FORK STILLAGUAMISH FALL CHUM

STOCK STATUS

1992 STATUS

Healthy

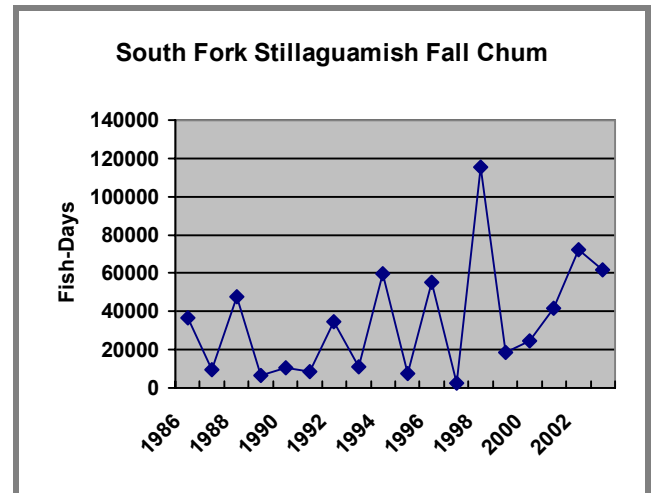
2002 STATUS

Healthy

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Good

YEAR	FISH-DAYS
1986	36,707
1987	9,491
1988	47,757
1989	6,767
1990	10,763
1991	8,539
1992	34,845
1993	10,952
1994	59,550
1995	7,663
1996	54,989
1997	2,559
1998	115,236
1999	18,393
2000	24,420
2001	41,547
2002	72,022
2003	61,799



Data are fish-days from spawner index areas on Jim and Siberia creeks.

The South Fork Stillaguamish fall chum stock has been strong since the mid-1980s, with one extraordinary count of 115,236 fish-days in 1998. Stock status is rated **Healthy** in 2002.

STOCK DEFINITION

South Fork Stillaguamish fall chum were identified as a stock based on their distinct spawner distribution and genetic composition.

SPAWNING DISTRIBUTION: Most spawning takes place in the mainstem South Fork Stillaguamish up to RM 34 and in tributaries such as Jim Creek and Siberia Creek.

SPAWNING TIMING: Spawning generally occurs from late October through early December.

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GENETIC ANALYSIS: Allozyme analysis has shown South Fork Stillaguamish fall chum to be genetically distinct from all Washington chum stocks outside of the Stillaguamish basin. However, stock separations within the system are unclear (Phelps et al. 1995).

STOCK ORIGIN

This is a **native** stock with **wild** production.